

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/001043

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B6/44 G02B6/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 34 05 309 A (QUANTE WILHELM SPEZIALFAB) 22 August 1985 (1985-08-22) abstract page 10, paragraph 2 - page 12, paragraph 2 page 14, line 10 - page 19, paragraph 1 figures 1-5	1-5
A	EP 0 908 996 A (FURUKAWA ELECTRIC CO LTD) 14 April 1999 (1999-04-14) abstract paragraphs [0011] - [0017] paragraphs [0028] - [0030] figures 1-8 ----- -/-	1-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

7 October 2004

Date of mailing of the International search report

02.02.2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/009038 A (WELLER JEFFREY HANS ; EILERS RALF (DE); HAYEN JAN (DE); NORDDEUTSCHE S) 30 January 2003 (2003-01-30) used to establish nonunity abstract page 3 page 8, paragraph 1 - page 16, paragraph 1 figures 1-7	1-5
A	----- US 4 958 903 A (COBB GARY S ET AL) 25 September 1990 (1990-09-25) abstract column 2, line 20 - column 3, paragraph 1 figures 1-3	1-5
A	----- US 6 480 660 B1 (KNUDSEN CLINTON M ET AL) 12 November 2002 (2002-11-12) abstract figures 1-4,7 column 2, line 36 - column 4, paragraph 4 -----	1-5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/CA2004/001043

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3405309	A	22-08-1985	DE 3405309 A1	22-08-1985
EP 0908996	A	14-04-1999	JP 3510460 B2	29-03-2004
			JP 11119047 A	30-04-1999
			EP 0908996 A1	14-04-1999
			US 6085013 A	04-07-2000
WO 03009038	A	30-01-2003	DE 10141129 A1	20-02-2003
			WO 03009038 A2	30-01-2003
US 4958903	A	25-09-1990	NONE	
US 6480660	B1	12-11-2002	US 6215938 B1	10-04-2001
			AU 5692899 A	10-04-2000
			CN 1319194 T	24-10-2001
			EP 1116062 A1	18-07-2001
			TW 463066 B	11-11-2001
			WO 0017693 A1	30-03-2000
			ZA 200102712 A	03-06-2002

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### Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 8.4(a).

### Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-5

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5

Protective housing for a fibre optic cable and junction box  
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2. claims: 6-13

A foldable like a book housing for a junction box suitable for insertion into a casing installed within a circular hole cut into a surface.  
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3. claims: 14-16

A method of fabricating and installing within a surface a pre-assembled cable system  
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